

***In the Claims***

Please cancel claims 1-62. Also, please renumber the remaining claims (63-69) accordingly.

**THAT WHICH IS CLAIMED IS:**

1. Cancel.
2. Cancel.
3. Cancel.
4. Cancel.
5. Cancel.
6. Cancel.
7. Cancel.
8. Cancel.
9. Cancel.
10. Cancel.
11. Cancel.
12. Cancel.
13. Cancel.
14. Cancel.
15. Cancel.
16. Cancel.
17. Cancel.
18. Cancel.
19. Cancel.
20. Cancel.
21. Cancel.
22. Cancel.

- 23. Cancel.
- 24. Cancel.
- 25. Cancel.
- 26. Cancel.
- 27. Cancel.
- 28. Cancel.
- 29. Cancel.
- 30. Cancel.
- 31. Cancel.
- 32. Cancel.
- 33. Cancel.
- 34. Cancel.
- 35. Cancel.
- 36. Cancel.
- 37. Cancel.
- 38. Cancel.
- 39. Cancel.
- 40. Cancel.
- 41. Cancel.
- 42. Cancel.
- 43. Cancel.
- 44. Cancel.
- 45. Cancel.

- 46. Cancel.
- 47. Cancel.
- 48. Cancel.
- 49. Cancel.
- 50. Cancel.
- 51. Cancel.
- 52. Cancel.
- 53. Cancel.
- 54. Cancel.
- 55. Cancel.
- 56. Cancel.
- 57. Cancel.
- 58. Cancel.
- 59. Cancel.
- 60. Cancel.
- 61. Cancel.
- 62. Cancel.

631. A composition comprising desulfurized cracked-gasoline wherein said desulfurized cracked-gasoline comprises less than about 1 ppmw thiol compounds and less than about 1 ppmw tetrahydrothiophene compounds.

642. Composition in accordance with claim 631 wherein said desulfurized cracked-gasoline has a decrease in average octane number, as determined by  $\Delta(\text{RON}+\text{MON})/2$ , of less than 3.5.

653. Composition in accordance with claim 63-1 wherein said desulfurized cracked-gasoline comprises less than about 0.5 ppmw thiol compounds and less than about 0.5 ppmw tetrahydrothiophene compounds.

664. Composition in accordance with claim 63-1 wherein said desulfurized cracked-gasoline comprises less than about 1 ppmw dihydrobenzothiophene compounds.

675. Composition in accordance with claim 63-1 wherein said desulfurized cracked-gasoline has a decrease in average octane number, as determined by  $\Delta(\text{RON}+\text{MON})/2$ , of less than 3.

686. Composition in accordance with claim 63-1 wherein said desulfurized cracked-gasoline comprises less than about 25 ppmw sulfur.

697. Composition in accordance with claim 63-1 wherein said desulfurized cracked-gasoline comprises less than about 15 ppmw sulfur.